

MATERIAL SAFETY DATA SHEET

Date of Last Revision: 1/06

GlobalTech® Lead Detector Acetic Acid, 5% Extraction Solution #2

Product Code: LDK223-AA

Section 1 ... Chemical Identification

Trade name: Distilled White Vinegar

Section 2 ... Composition/Information on Ingredients

CAS #: 8028-52-2 Synonyms: Dilute Acetic Acid (CH₃COOH)

Definition: Product made by the acetous fermentation of Ethyl Alcohol to contain 4-10% acetic acid (or 40-100 grain vinegar)

Section 3 ... Health Hazard Data

Inhalation: Threshold Limit Value: 10 ppm

Short Term Exposure: 15 ppm for 15 minutes

Odor Threshold: 1.0 ppm

Prolonged inhalation of vapors can cause irritation to respiration tract.

Eyes: Will cause eye irritation - smarting and reddening of the eye.

Section 4 ... Emergency and First Aid Measures

- **Eyes:** Flush immediately and thoroughly with water for 15-20 minutes (timed by a clock). Call a physician.
- **Ingestion:** If swallowed in large amounts, water should be consumed to dilute. Do not induce vomiting. Do not give emetics of baking soda. Call a physician.

Section 5 ... Spill or Leak Procedures

Spills: If vinegar is spilled, water may be used to dilute.

Section 6 ... Physical Data

Appearance: Clear Liquid

Boiling Point: 244°F

Vapor Density (Air=1): 2.1

Specific Gravity: 1.01

Vapor Pressure (MM Hg): 11mm

Solubility in Water: Complete

pH: 2.2 @100 Grain

Odor: Vinegar

Section 7... Reactivity

Stability: Good

Hazardous Polymerization: Will not occur

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FOR CHEMICAL EMERGENCY, call INFOTRAC at 1-800-535-5053

24 Hrs. per day, 7 days per week